ABSTRACT OF THE DISCLOSURE

A control method and apparatus for a biaxial wheel test stand for simulating driving loads. The test stand including a load unit having a servo-hydraulic vertical load cylinder for adjusting a vertical force, a servo-hydraulic horizontal load cylinder for adjusting a horizontal force, and a pivot head which can be adjusted by means of a camber cylinder for adjusting the camber angle of a wheel to be tested. The test stand further including a drive unit with a driven drum having starting rings, to which the wheel to be tested is pressed with the load units, wherein the vertical load cylinder and the horizontal load cylinder control the forces and the camber cylinder controls the camber angle. The method including the steps of adjusting the horizontal force, the vertical force and the camber angle in dependence on the wheel radial force and the wheel side force which were determined during a road test, and using the position of the point of application of the resulting force of the wheel radial force and the wheel side force as the control magnitude for the camber angle.

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